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## SEQUENCE LISTING

TECH CENTER 1600/2900

<110> Wayne State University

<120> Glycoconjugate Synthesis Using A Pathway-Engineered Organism

<130> 10114-010

<140> Not Yet Assigned

<141> 2002-01-10

<150> US 09/758525

<151> 2001-01-10

<160> 23

<170> PatentIn version 3.1

<210> 1

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Nucleotide-binding-protein motif

<220>

<221> misc\_feature

<222> (2)..(3)

<223> X is any amino acid

<220>

<221> misc\_feature

<222> (5)..(6)

<223> X is any amino acid

<220>

<221> misc\_feature

<223> Description of Artificial Sequence:  
Nucleotide-binding-protein motif

<400> 1

Gly Xaa Xaa Gly Xaa Xaa Gly

1

5

<210> 2  
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<400> 2  
gatcatatga gtctgaaaga aaaaacac  
28

<210> 3  
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<212> DNA  
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galK primer

<400> 3  
cgcggtatcct cagcactgtc ctgctccttg  
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galT primer

<400> 4  
ggatccatat gactagtatg acgcaattta atccc  
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<210> 5  
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galT primer

<400> 5  
agcggatcct tacactccgg attcgcg  
27

<210> 6  
<211> 29  
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galU primer

<400> 6  
ggatcctcga gatggctgcc attaatacg  
29

<210> 7  
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<400> 7  
cgcggtatcca ctagtgttact tcttaatgcc catctc  
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<210> 8  
<211> 35  
<212> DNA  
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PykF primer

<400> 8  
ggatccatat gaaaaagacc aaaattgttt gcacc  
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<210> 9  
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<212> DNA  
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<223> Description of Artificial Sequence:  
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<400> 9

cgcggatcca ctagtttaca ggacgtgaac agatgc  
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<211> 47

<212> DNA

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<223> Description of Artificial Sequence:  
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<223> Description of Artificial Sequence:  
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 alpha 1,3 GalT-N primer

<400> 12  
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<210> 13  
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<400> 13  
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<223> Description of Artificial Sequence:  
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<400> 14

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<210> 15

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> GalKT-C primer

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<223> Description of Artificial Sequence:  
GalKT-C primer

<400> 15

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<210> 16

<211> 28

<212> DNA

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<223> IgtC primer

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<223> Description of Artificial Sequence:  
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<400> 16

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<210> 17  
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<212> DNA  
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IgtC primer

<400> 17  
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<210> 18  
<211> 36  
<212> DNA  
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<223> IgtC-C primer

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<223> Description of Artificial Sequence:  
IgtC-C primer

<400> 18  
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<210> 19  
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<212> DNA  
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<223> Description of Artificial Sequence:  
susA primer

<400> 19  
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<210> 20  
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<223> Description of Artificial Sequence:  
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<400> 20  
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<210> 21  
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<212> DNA  
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GalE-C primer

<400> 21  
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<210> 22

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 <211> 33  
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<400> 22  
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<210> 23  
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 <212> DNA  
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 <223> Description of Artificial Sequence:  
 susA-C primer

<400> 23  
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